CLAIMS

- 1. A composition obtained by drying a suspension containing, on the one hand, mineral or organic particles A having a form factor of less than 15 and, on the other hand, mineral or organic particles B dispersible in a polymer medium.
- 2. The composition as claimed in claim 1, characterized in that said suspension results from mixing at least one suspension of mineral or organic particles A having a form factor of less than 15 with at least one suspension of organic or mineral particles B dispersible in a polymer medium.
- 3. The composition as claimed in either of claims 1 and 2, characterized in that the mineral or organic particles A having a form factor of less than 15 are not dispersible in a polymer medium.
- 4. The composition as claimed in one of claims 1 to 3, characterized in that said drying is carried out by spray drying.
- 5. The composition as claimed in claim 4, characterized in that the outlet temperature of the atomizer employed during the drying is less than 170°C, preferably less than 140°C.
- 6. The composition as claimed in either of claims 4 and 5, characterized in that the drying is carried out by means of a nozzle atomizer.

- 7. The composition as claimed in one of claims 1 to 6, characterized in that said particles B are precipitated silica particles dispersible in a polymer medium.
- 8. The composition as claimed in one of claims 1 to 7, characterized in that said particles B are precipitated silica particles having a pore distribution such that the pore volume formed by the pores whose diameter is between 175 and 275 Å represents at least 50% of the pore volume formed by the pores having diameters of less than or equal to 400 Å.
- 9. The composition as claimed in one of claims 1 to 7, characterized in that said particles B are precipitated silica particles having an ultrasonic deagglomeration factor (F_D) of greater than 5.5 ml and a median diameter (\emptyset_{50}) after ultrasonic deagglomeration of less than 5 μ m.
- 10. The composition as claimed in claim 9, characterized in that said particles B are precipitated silica particles having a pore distribution such that the pore volume formed by the pores whose diameter is between 175 and 275 Å represents at least 50% of the pore volume formed by the pores having diameters of less than or equal to 400 Å.
- 11. The composition as claimed in one of claims 1 to 10, characterized in that said particles B

are precipitated silica particles having an ultrasonic deagglomeration factor (F_D) of greater than 11 ml and a median diameter (\emptyset_{50}) after ultrasonic deagglomeration of less than 2.5 μm .

- 12. The composition as claimed in one of claims 1 to 11, characterized in that said particles B are precipitated silica particles having a CTAB specific surface area of between 50 and 240 m^2/g , preferably between 100 and 240 m^2/g and in particular between 140 and 240 m^2/g .
- 13. The composition as claimed in one of claims 1 to 12, characterized in that said particles A are alumino silicate or titanium dioxide particles.
- 14. The composition as claimed in one of claims 1 to 12, characterized in that said particles A are aluminum or magnesium hydroxycarbonate, hydroxyoxycarbonate or oxycarbonate particles, or hydrotalcite particles.
- 15. The composition as claimed in one of claims 1 to 12, characterized in that said particles A are alumina particles.
- 16. The composition as claimed in claim 15, characterized in that the alumina is obtained by autoclaving a suspension of boehmite or pseudo-boehmite, preferably in the presence of at least one acid.
 - 17. The composition as claimed in claim 16,

characterized in that the autoclaving is carried out at a temperature hold of between 110 and 150°C for a time of 6 to 10 hours.

- 18. The composition as claimed in claim 15, characterized in that the alumina is a crystalline monohydrate, essentially in boehmite form, obtained by coprecipitating sodium aluminate and aluminum sulfate.
- 19. Use of a composition as claimed in one of claims 1 to 18 as a reinforcing filler in a polymer composition.
- 20. Use as claimed in claim 19, characterized in that said rubber composition is based on at least one polymer or copolymer having a glass transition temperature of between -150 and +300°C.
- 21. A polymer composition based on at least one polymer or copolymer, which includes a reinforcing filler, characterized in that said reinforcing filler consists of the composition as claimed in one of claims 1 to 18.
- 22. The polymer composition as claimed in claim 21, characterized in that said polymer or copolymer has a glass transition temperature of between -150 and +300°C.
- 23. The polymer composition as claimed in either of claims 21 and 22, characterized in that it furthermore includes at least one coupling agent and/or at least one recovery agent.

24. A finished article based on at least one composition as defined in one of claims 21 to 23.